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Customer Number

Patent
Case No.: 51474US010



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: OUDERKIRK, ANDREW J.

Application No.: 10/700137 Group Art Unit: 1773

Filed: November 3, 2003 Examiner: Unknown

Title: HIGH EFFICIENCY OPTICAL DEVICES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
Date: <u>June 14, 2004</u>	Signed by: <u>Heather M. Bundy</u>

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

14-June-2004
Date

By: William D. Miller
William D. Miller, Reg. No.: 37,988

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	A1	US- 2002/0008970 A1	1/2002	Hanson et al.	
	A2	US- RE 34,605	5/1994	Schrenk et al.	
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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets if necessary) Page 2 of 6	Application Number	10/700137
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Alfrey et al., "Physical Optics of Iridescent Multilayered Plastic Films", Polymer Engineering and Science, Vol. 9, No. 6, Nov. 1969, pp. 400-404.
	C2	Boese et al., CHAIN ORIENTATION AND ANISOTROPHIES IN OPTICAL AND DIELECTRIC PROPERTIES IN THIN FILMS OF STIFF POLYIMIDES, Journal of Polymer Science: Part B: Polymer Physics, Vol. 30, pp. 1321-1327 (1992).
	C3	Hecht et al., OPTICS, Fourth Printing, Addison-Wesley Publishing Company, pp. 301-316, (1979).
	C4	Hodgkinson et al., EFFECTIVE PRINCIPAL REFRACTIVE INDICES AND COLUMN ANGLES FOR PERIODIC STACKS OF THIN BIREFRINGENT FILMS, Journal of the Optical Society of America, Vol. 10, No. 9, pp. 2065-2071, (1993).
	C5	Im, J. et al., COEXTRUDED MICROLAYER FILM AND SHEET, Journal of Plastic Film and Sheeting, Vol. 4, pp. 104-115, (1988).
	C6	Radford et al., REFLECTIVITY OF IRIDESCENT COEXTRUDED MULTILAYERED PLASTIC FILMS, "Polymer Engineering And Science", Vol. 13, No. 3, (1973), Dow Chemical Co., presented at American Chemical Society Symposium on "Coextruded Plastic Films, Fibers, and Composites", April 9-14, 1972.
	C7	Scheffer, Terry J., TWISTED NEMATIC DISPLAY WITH CHOLESTERIC REFLECTOR, Journal of Applied Physics, Vol. 8, pp. 1441-1448 (1975).
	C8	Schrenk et al., "Coextruded Elastomeric Optical Interference Films", SPE Annual Technical Conference, Atlanta, Georgia, pp. 1703-1707 (1988).
	C9	Schrenk et al., "Coextruded Multilayer Polymer Films and Sheet", Polymer Blends, Vol. 2, Chapter 15, pp. 129-165, Academic Press, Inc. (1978).
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	C13	Schrenk et al., "Coextruded Iridescent Film", TAPPI, Paper Synthetics Conference, Atlanta, Georgia, pp. 141-145 (September 27-29, 1976).
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	C15	Weber et al., "Giant Birefringent Optics in Multilayer Polymer Mirrors", Science, Vol. 287, No. 5462, March 2000, pp. 2451-2456.
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